

ObservationReport

all measures in mm

ObservationID

0314

on

2023-11-17 19:08

Object	LUNA
Common Name	
Alternate Name (s)	Moon, Mond
Visual Magnitude	-10,3
Distance ► Object	394200 km
Apparent Size	30.3'
Object R.A.	n.a.
Object DEC	n.a.
WikiLink	https://en.wikipedia.org/wiki/Moon



20231117_LUNA_ASI294_0314-02WM.jpg

Link ► Picture	LUNA_20231117
Description	Earth Moon
Constellation	Solar System

Picture Data

Work Status	Published	Quality	****
Source Format	Video	Picture Center R.A.	
Tot./Act. Frames/Pane	14 596	Picture Center DEC	
H / V Panes	1920 1080	H/V FoV [°]	3507,4672 1342,9068
Exp. [s] / Frame	1/1,01010101010101	Above horizon [°]	0
Total Time / Pane [min]	20.391.782,40 9,83	View Direction	N

Camera Data

ZWO	ASI294MC-Pro	ZWOASI294	
Camera Angle [°]	0	Pixel Pitch [µm]	4,63
Gain or ISO	281	Camera Temp. °C	-10

Observation Site

Observation Start	2023-11-17T19:08:03 UTC+/- +h	Observation End	2023-11-17T19:08:03
Observation Site	ES La Palma Jardin	Site Elevation /Bortle	470 3
Province	La Palma	Site Coordinates	28° 38' 52.0" N, 017° 53' 4

Sky & Moon

Sky Index Total Clouds	4,5 0 %	Moon Rise Set	11:46:00 21:59:00
Outside Temp. °C	23	Moon Age [d]	3
Moon Phase % Illum.	1st quarter 15 %	Moon ► Target Dist.	UNKNOWN

Optical Configuration

TS600AS294	TS600ASI294T252		
Lens or Scope	TSO APO 90/600	Focuser	M90 TS600 Rack + Pinion
Type Of Build	APO Triplet Refractor	Focuser Position [mm]	0,00 EAF Steps 0
Brand	TS-Optics	Optical Factor	1
Additional Optics	M63 WO Rotator	FoL norm actual [mm]	599 599
Filter	-	DawesLimitLink	1,74 Arcsec
Diameter [mm]	90	Optical Scale ["/px]	1,595
Aperture / f-stop	6,66		

Other Hardware & Software

GuideScope	ZWO 30/120 mini	Mount	EQ6R-PRO
GuiderHW	ASIAIR	SessionControl	ASIAIR
GuiderSW	ASIAIR	PostProcessingSW	LrC, ASIAIR

More ...

Work Folder [2023\20231117_LUNA_0314_La-Palma-Jardin](#)

Comment

Remarks
Bin = 1
Capture Area Size = 1920 * 1080
Colour Format = RAW8
Frames = 596 (by PIPP)

Exposure = 0.00099 Sec
Flip = None
Gain = 281
StartX = 1104
StartY = 868
Temperature = 22.5 C
Bayer = RG
White Balance (B) = 69
White Balance (R) = 49
Duration=14 Sec